

# Wildfire Risk Assessment

*Under Development in IFTDSS*

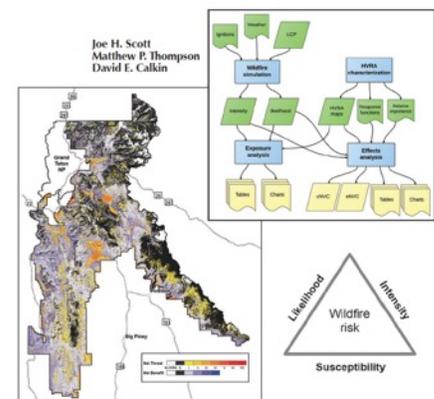
**Phasing in Quantitative Wildfire Risk Assessment**  
*Interagency Fuel Treatment Decision Support System*  
<https://iftdss.firenet.gov>

## *Under Development to be Available to All!*

A workflow and tools to perform a Quantitative Wildfire Risk Assessment (QWRA) from the project to the unit scale is under development in IFTDSS. The process follows the steps outlined in GTR-315, "[A wildfire risk assessment framework for land and resource management.](#)" IFTDSS is unique in that it will contain a comparison functionality allowing users to complete a QWRA and then compare treatment alternatives to understand the impacts to your area and the effects of risk mitigation actions.

- Create and edit Landscapes directly in IFTDSS
- Characterize Highly Valued Resources or Assets (HVRAs) - choose from the National HVRAs, upload local HVRA shapefiles or use nationwide data from IFTDSS.
- Landscape Burn Probability is completed with a customized version of FlamMap developed specifically for use in IFTDSS
- Automated Exposure Analysis and QWRA calculations. Map products, reports containing summary tables and charts, and downloadable data to be used in further analysis outside of IFTDSS if needed
- Use IFTDSS to compare different fuel treatment alternatives to evaluate impacts to your area with changes in modeled fire behavior, exposure analysis and the QWRA.

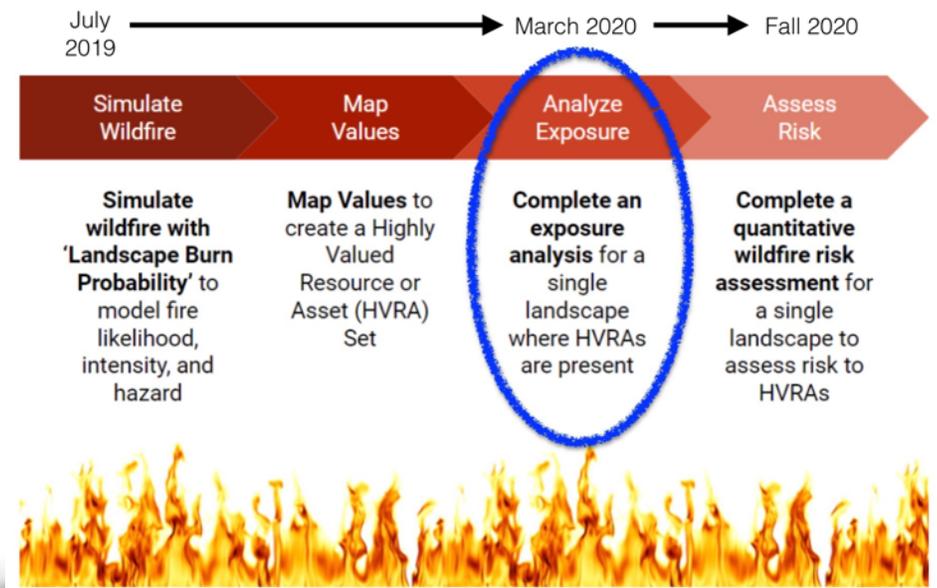
## A Wildfire Risk Assessment Framework for Land and Resource Management





## Development Phases of Quantitative Wildfire Risk Assessment (QWRA) in IFTDSS

- **July 2019** - [Landscape Burn Probability](#) model and accompanying reports released to users in the IFTDSS Playground
- **October 2019** - [Map Values Workflow](#) released to map Highly Valued Resources or Assets (HVRAs)
- **Winter -Spring 2020** - development of the [Exposure Analysis](#) allowing users to map values and visually/quantitatively assess exposure to HVRAs
- **Spring - Fall 2020** QWRA response functions and relative importance will be designed, developed and implemented for Risk Calculations
- Portions of each phase will be incrementally released as they are completed throughout the summer and fall of 2020



### For More Information

For more information about Risk Assessment in IFTDSS contact the IFTDSS Team.

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